



07-06-05

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant:** Williams, Anthony David ) **Examiner:** Nguyen, Linh M.  
  )  
**Serial No.:** 10/713,717                   ) **Art Unit:** 2816  
  )  
**Filing Date:** November 14, 2003       ) **Atty. Docket No.** 030772  
  
**Title:** FREQUENCY SYNTHESIZER HAVING PLL WITH AN ANALOG PHASE  
  DETECTOR

**AMENDMENT**

Kirkpatrick & Lockhart Nicholson Graham LLP  
Pittsburgh, PA 15222  
July 5, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed April 13, 2005 in connection with the above-identified application, Applicant responds as follows, wherein:

**Amendments to the Specification** begin on page 2;

**Amendments to the Claims** begin on page 6;

**Amendments to the Drawings** begin on page 11 and include both an attached replacement sheet and an annotated sheet showing changes; and

**Remarks** begin on page 12.

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**EXPRESS MAIL CERTIFICATE**

"Express Mail" mailing label number EJ150766367US  
Date of Deposit July 5, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Amendment, Commissioner of Patents, Box 1450, Alexandria, VA 22313-1450

Patricia A. Mack